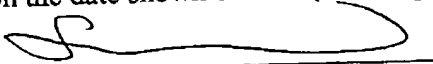


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Certificate of Facsimile Transmission

I hereby certify that the attached Transmittal (1 page) with Response to the Restriction Requirement dated March 22, 2006 (4 page), are to the U.S. Patent and Trademark Office via facsimile number 571-273-8300 on the date shown below. (Total 5 pages).


Hosoon Lee

Date: April 24, 2006

PATENT APPLICATION
Attorney Doc. No. 5204-052
Client Ref. No. PCT159US**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Jung-Hoon SHIN and Nam-Kyoo PARK

Serial No. 10/507,270 Examiner: Eric Boldt

Filed: September 9, 2004 Art Unit: 3663

Confirmation No. 4870

For: TOP-PUMPED OPTICAL DEVICE

TRANSMITTAL LETTERMail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Enclosed for filing in the above-referenced application are the following:

- ☒ Response to Restriction Requirement
☒ Any deficiency or overpayment should be charged or credited to deposit account number 13-1703.

Customer No. 20575

Respectfully submitted,
MARGER JOHNSON & McCOLLOM, P.C.
Hosoon Lee, Reg. No. 56,737MARGER JOHNSON & McCOLLOM, P.C.
210 SW Morrison Street, Suite 400
Portland, OR 97204
503-222-3613

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RESPONSE TO RESTRICTION REQUIREMENT

Responsive to the Election/Restriction Requirement, dated March 22, 2006,
Applicant hereby elects silica-based substance doped with nano-crystals and excited
elements as species. Claim 4 as amended reads on this species. As recited in cancelled
claim 5, the gain medium can be doped with nano-crystals and the excited elements.
Also, the rare-earth element is a kind of "excited element." Claims 1-3 and 7-9 indicated
as generic. Therefore, applicant respectfully requests that all of the claims 1-4 and 7-9 be
examined.

Please amend the application as follows.

Amendments to the Claims are reflected in the listing of claims, which begins
on page 2 of this paper.